

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG. 1A

Designation	Species	Epitope	Western Blot	IHC	FACS	Epitope sequence
29C11	rabbit	Pro2	Yes	yes**	n.d.	IDELKEFLNQDTLSNVE
31A5	rabbit	Pro3	Yes	yes**	yes	ELLQEFIDDNATTNAIDELK
6A1	rabbit	Pro2-3	Yes	n.d.	no	TTNAIDELKECFLNQ
14A12	rabbit	Pro3	Yes	n.d.	yes	ELLQEFIDDNATTNAIDELK
6B12	rabbit	Pro3	Yes	n.d.	yes	ELLQEFIDDNATTNAIDELK
2D3	rabbit	Pro5	Yes	n.d.	yes	SQHCYAGSGCPLENVISKTI
16D8	rabbit	Pro3	Yes	n.d.	yes	ELLQEFIDDNATTNAIDELK
31-1H7	mouse	n.d.	Yes	n.d.	yes	SQHCYAGSGCPLENVISKTI
197-1H11	mouse	Pro5	Yes	n.d.	no	
32-1G11	mouse	n.d.	Yes	n.d.	yes	
304-1A5	mouse	n.d.	Yes	n.d.	yes	
98-1F4	mouse	n.d.	Yes	n.d.	no	

Fig. 1A

pc.h.mam.6a1.cell-57.579.1.f7

CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA  
GTCGCTGGAGGAGTCCGGGGTGGCTGGTAACGCCTGGAGGATCCCTGACACTCACCTGCAC  
AGTCTCTGGAATCGACCTCAGTAGCTATGGAGTGGGCTGGTCCGCCAGGCTCCAGGGAAGG  
GGCTGGAATACATCGGAATCATTAGTAAAATTGATAACACATACTACGCGAACTGGGCGAAA  
GGCCGATTACCATCTCCAAAACCTCGTCGACCACGGTGGATCTGAAAATGACCAGTCTGACA  
ACCGAGGACACGGCCACCTATTTCTGTACCAGAGGGTCTTTTGATCCCTGGGGCCAGGCACC  
CTGGTCACCGTCTCCTCAGGGCAACCTAA

pc.h.mam.16d8.cell-22.394.1.f7

CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA  
GTCGGTGGAGGAGTCCGGGGTGGCTGGTCACGCCTGGGACACCCCTGACACTCACCTGCAC  
AGTCTCTGGATTCTCCCTCAGCAGCTACGACATGACCTGGTCCGCCAGGCTCCAGGGAAGGG  
GCTGGAATGGATCGGAACCATTAGTACTATTGGTAGCCATTTTACGCGAGCTGGGCGAGAGG  
CCGATTACCATCTCCAAAACCTCGACCACGGTGGATCTGAAAATCACCATCCGACAACCGA  
GGACACGGCCACGTATTTTGGCGCAGATTTGGATTGCTGGTGA TGGTGCCTTCTGGGGCCC  
AGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

pc.h.mam.16d8.cell-21.393.2.f7

CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA  
GTCGGTGGAGGAGTCCGGGGTGGCTGGTCACGCCTAGGACACCCCTGACACTCACCTGCAC  
AGTCTCTGGATTCTCCCTCAGCAGCTACGACATGACCTGGTCCGCCAGGCTCCAGGGAAGGG  
GCTGGAATGGATCGGAACCATTAGTACTATTGGTAGCCATTTTACGCGACCTGGGCGAGAGG  
CCGATTACCATCTCCAAAACCTCGACCACGGTGGATCTGAAAATCACCATCCGACAACCGA  
GGACACGGCCACGTATTTTGGCGCAGATTTGGATTGCTGGTGTGGTGCCTTCTGGGGCCC  
AGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

pc.h.mam.6b12.cell-19.339.4.f7

CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCGGTGTCA  
GTCGGTGGAGGAGTCCGGGGTGGCTGGTCACGCCTGGGACACCCCTGAGATTACCTGCAC  
AGTCTCTGGAATCGACCTCAGCACCTACGACATGACCTGGTCCGCCAGGCTCCAGGGAAGG  
GACTGGAATGGATCGGAACCATTAGTACTTTGGTACCCCTTTTCCGCCAATTGGGCGAGAG  
GCCGATTACCATCTCCAGACCTCGACCACGGTGGATCTGAAAATCGCCAGTCCGACGACCG  
AAGACACTGCCACATATTTTGTGGCAGATTGGGATTGCTCATGATGGTGCCTTCTGGGGCC  
CAGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

*Fig. 1B*

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FIG. 1B

pc.h.mam.2d3.cell-65.576.1.t7

CCCATGGAGACAGGCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTGAG  
GAGCAGCTGAAGGAGTCCGGAGGAGGCTGGTCACGCTGGGACACCCCTGACACTCACCTG  
CACAGTGTCTGGAATCGACCTCAATATCGATGCAATGAGCTGGGTCGCCAGGCTCCAGGGA  
AGGGGCTGGAATGGATCGGAATTATTGGTACTCGTGGTGGCACATGGTTCGCGAGCTGGGCG  
AAAGGCCGATTACCATCTCCAAACCCGACCACAGTGGATCTGAAAATCCCAGTCCGAC  
AACCAGGACACGGCCACCTATTTCTGTGCCAGTATCTATTCTGATAGTGGTACTTATACGAC  
CTTGTGGGGCCAGGCACCCGGTCACCGTCTCCTCAGGGCAACCTAA

pc.h.mam.14a12.cell-3.333.1.t7

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GTCCGTGGAGGAGTCCGGGGTGCCTGGTCACGCTGGGACACCCCTGACACTCACCTGCAC  
CGTCTCTGGATTCTCCCTCAGCAGCGTCGACATGACCTGGGTCGCCAGGCTCCAGGGAAGGG  
GCTGGAATGGATCGGAACATTAGTACTCGTAGTAGCACATACTACGCGAGCTGGGCGAAAG  
GCCGATTACCATCTCCAAACCTCGACCACGGTGGATCTGAAAATCACCAGTCCGACAACCG  
AGGACACGGCCACGATTCTGTGGCAGATTTCGGATTGCTGGTGATGGTGCCTTCTGGGGCC  
CAGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

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GGAAGGCTGCGCTGGCTTTTCTGGTCGCTGTGCTCAGAGGTGTCCAGTGTGAGTCCGCTGGAG  
GAGTCCGGGGTNGCCTGGTAACGCTGGGACACCCCTGANANTCACCTGCACAGCCTTTGG  
ATTTTCCCTCAGTAGCTGGTCAATGAGCTGGGTCGCCAGGCTCCAGGGAAGGGGCTGGAATG  
GATCGGAATGATTGGTATTGTTGGTAGTGGCACATAATANGCGACCTGGGCGAAAGGCCGAT  
TCACCATTTCCAAACCTTGTGACCACGGTCGATTGAAAATGACCAGTTTGACAACCGAGGA  
CACGGCCACCTATTTTGTGTACAGGGGGTAGTTTTANTTTTGCTACCGCCTTGTGGGGCCCA  
GGCACCCCTGGTCACCGTNTCCTCAGGGCAACCTAA

pcr.g.mam.31a5.c178.11884.780 com

TTGCAGGCTGCGTGGTTTTCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTGAGTCCGCTGGAGG  
AGTCCGGGGTNGCCTGGTAACNCTGGGACACCCCTGACANTTTTTTGCAAAGTNTTTGGAT  
TTTCCCTCAGCAGNTACGANATGACCTGGGTCGCCAGGCTCCAGGGAAGGGGCTGGAATGG  
ATNGGAACCATTAGTANTTTGGTAATGGATAATACGCGACCTGGGCGAAAGGCCGATTAC  
CATTTCCAAACCTTGACCACCGTGGATTGAAAATCACCAGTCCGACAACCGAGGACACGG  
CCAAGTATTTTGTGGCAGATTTCGGATTGCTGGTGATGGTGTCTTTGGGGCCCGGGCACGCT  
GGTCACCGTNTCCTCAGGGCAACCTAA

*Fig. 1C*

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FIG. 2

- Pro-1 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-2 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-3 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-4 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-5 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-7 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-8 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-9 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Glob-2 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- Pro-20 MKLLMWLMLAALSOHCYAGSGCPLENVISKTINPQVSKTEYKELLQEFIDDNATTNAIDELKECFNQTDETLSNVEVFMQLIYDSSLCDLF
- N-terminal recombinant : GSGMKETAARKFERQHMDSPDLGTDGDDKAWAISDPNS.....HCYAGSGCPLENVISK  
 Peptide with Enterokinase and Thrombin cleavage sites Mammaglobin sequence

Fig. 2

APPROVED	O.G. FIG.
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FIG. 3A

Reactivity of Mouse Monoclonal antibodies to Mammaglobin with peptides and recombinants									
Antibody	Pro-2	Pro-3	Pro-4	Pro-5	Pro-6	Pro-7	Pro-8	Glob-2	Mamma-Trx N-term recomb TRX
31-1H7	0.065	0.059	0.059	0.061	0.06	0.066	0.07	0.063	2.788 0.074 0.116
32-1G11	0.056	0.055	0.054	0.054	0.055	0.057	0.055	0.055	2.75 0.057 0.07
197-1H11	0.055	0.054	0.053	1.139	0.054	0.055	0.055	0.055	2.502 2.596 0.064
304-1A5	0.054	0.054	0.053	0.053	0.054	0.053	0.053	0.054	2.7 0.056 0.064
98-1F4	0.068	0.055	0.053	0.055	0.059	0.064	0.11	0.112	2.819 0.118 0.121
967	0.055	0.057	0.056	0.056	0.055	0.62	0.056	0.637	1.566 0.069 0.159
Blank	0.056	0.055	0.053	0.055	0.052	0.053	0.053	0.053	0.056 0.052 0.06

Fig. 3A

APPROVED	O.G. FIG.	
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TOP SECRET

Mammaglobin rabbit monoclonal 6B12

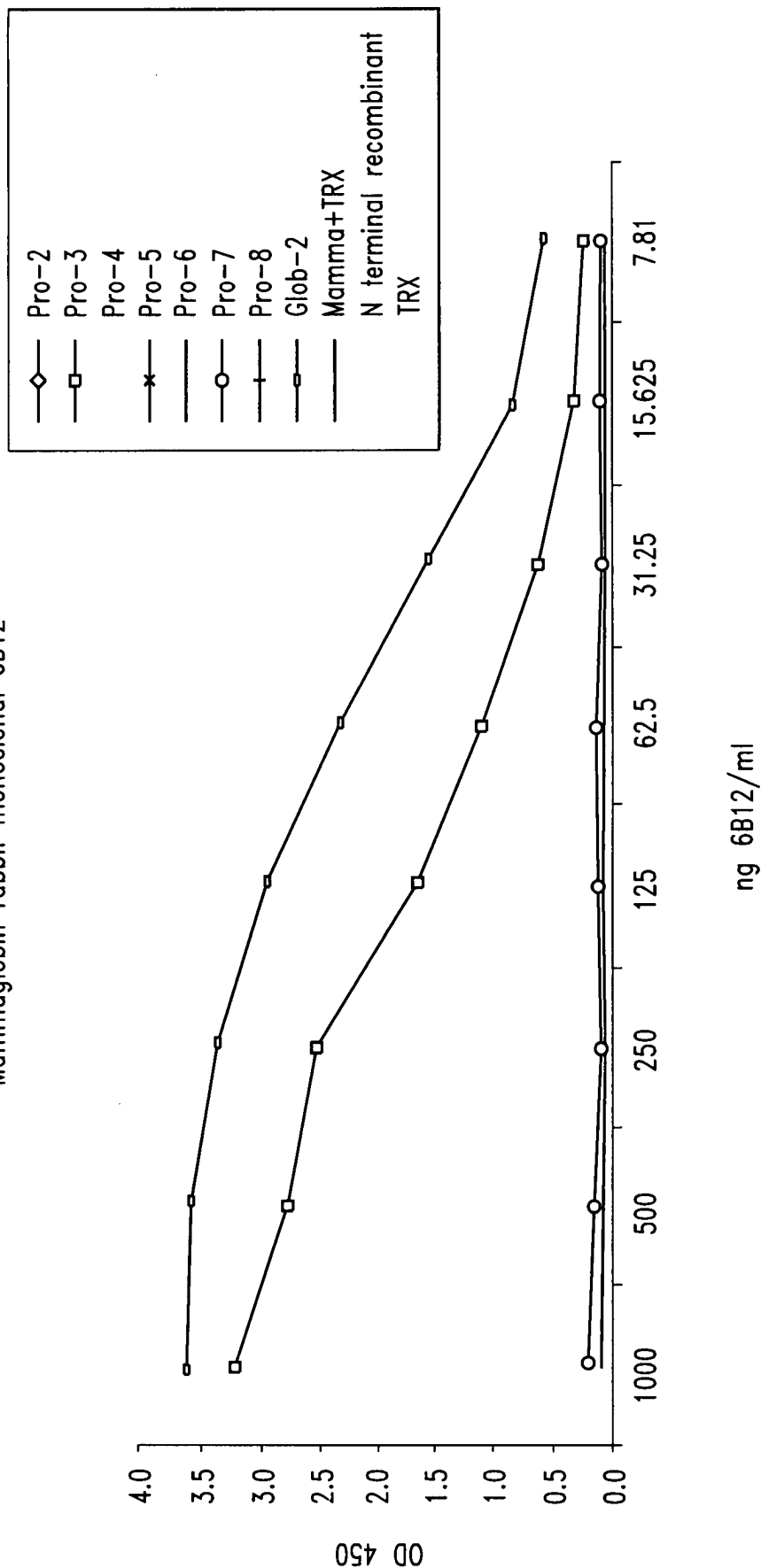


Fig. 3B

APPROVED	D.G. FIG.	
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TOP SECRET

Mammaglobin rabbit monoclonal 29C11

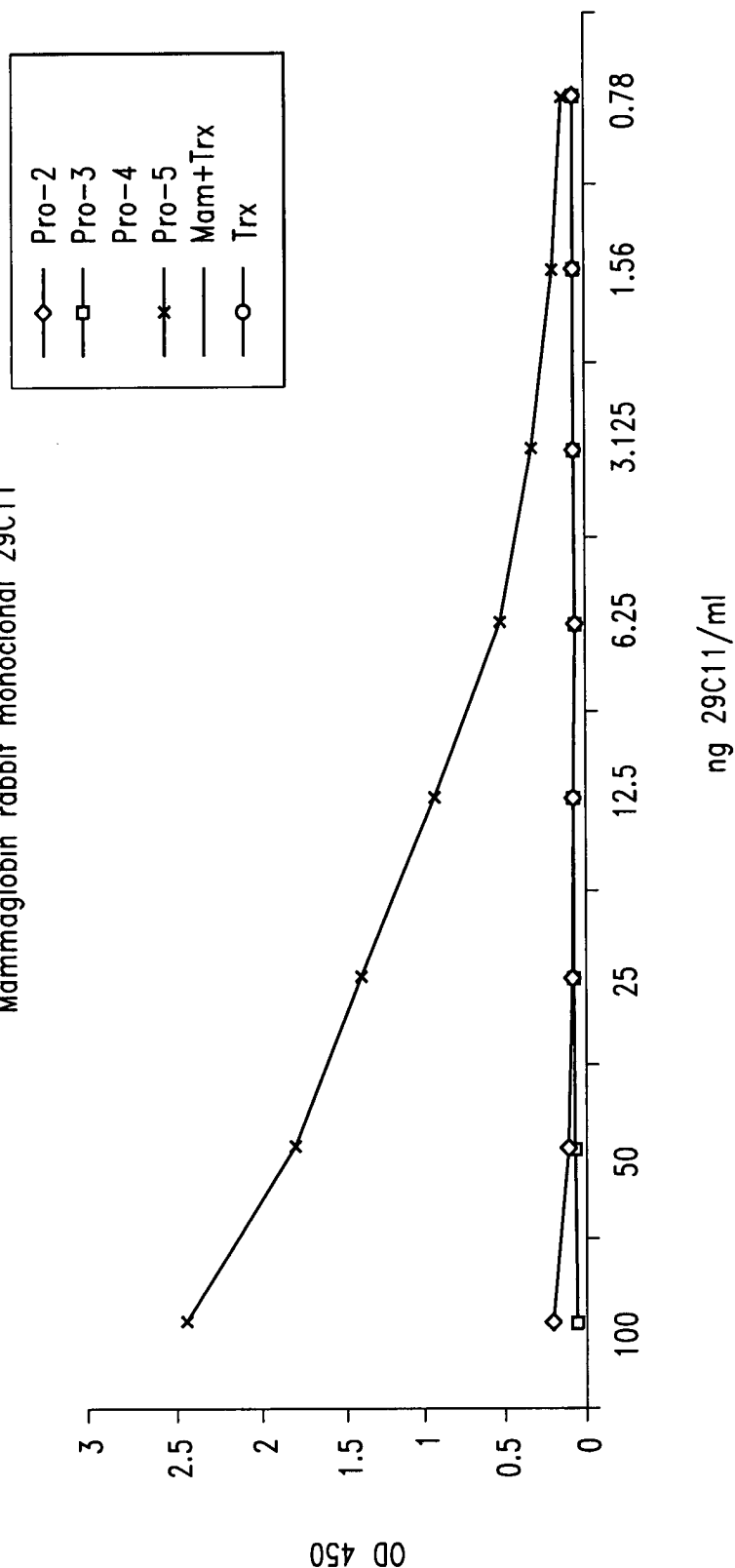


Fig. 3C

APPROVED	00.FIG.
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FIG. 3D

Mammaglobin rabbit monoclonal 2D3

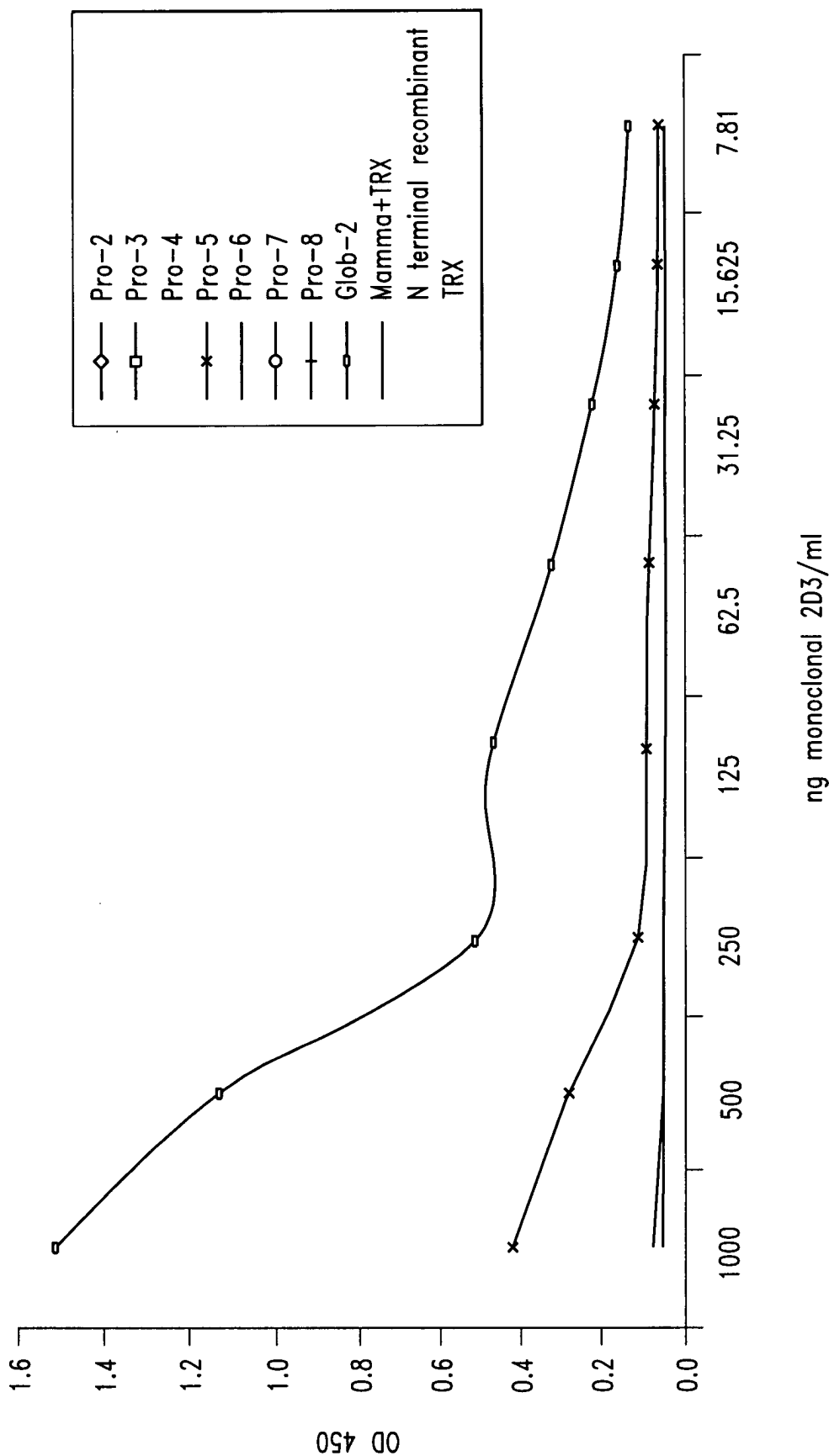
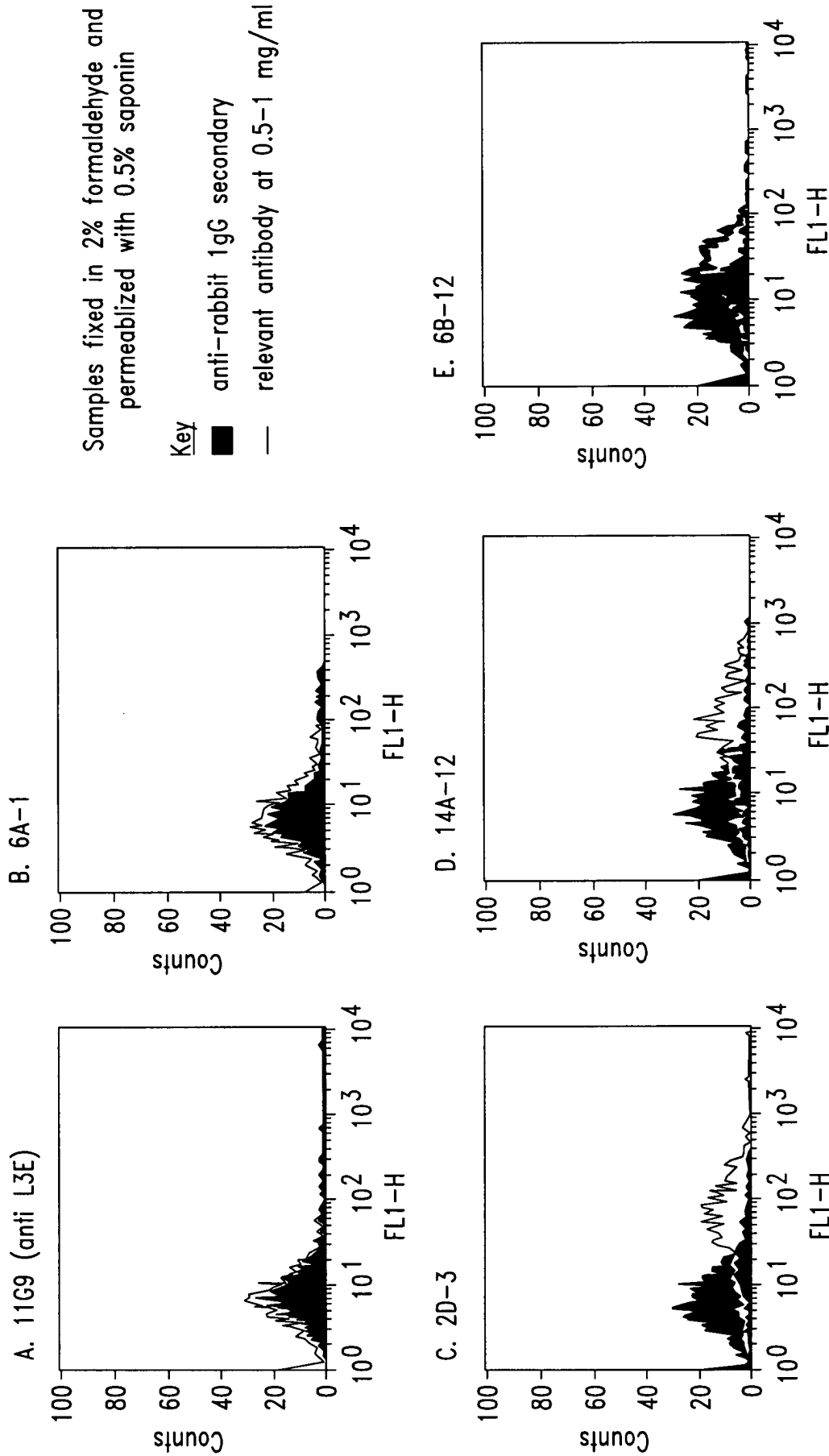


Fig. 3D



APPROVED	O.G. FIG.
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Staining of permeabilized human breast tumor cell line MDA-MB415  
 with rabbit anti-mammaglobin monoclonal antibodies



*Fig. 4A*

Staining of permeabilized human breast tumor cell lines  
with murine anti-mammaglobin monoclonal antibodies

Key

- Secondary alone
- Primary at 1:10

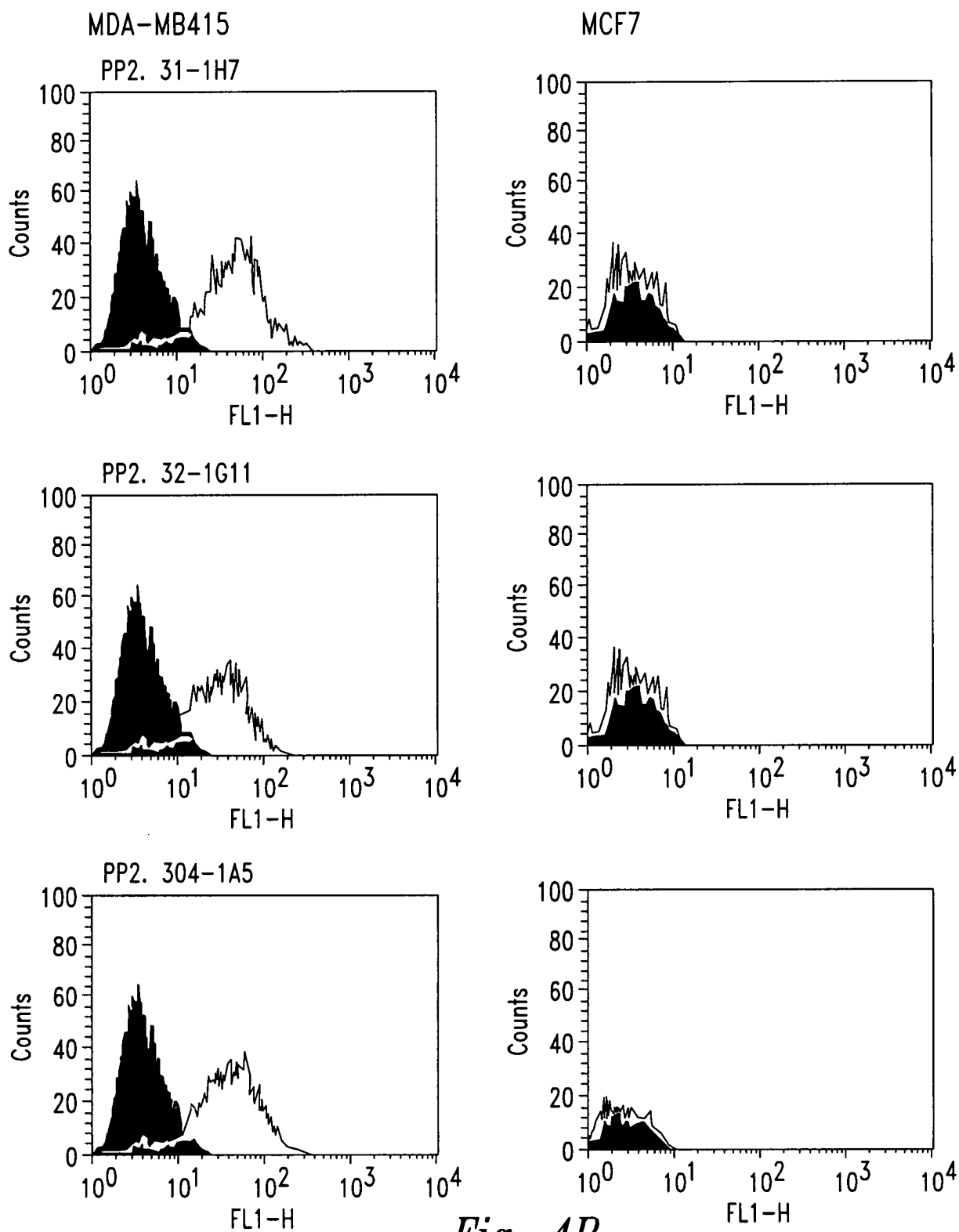
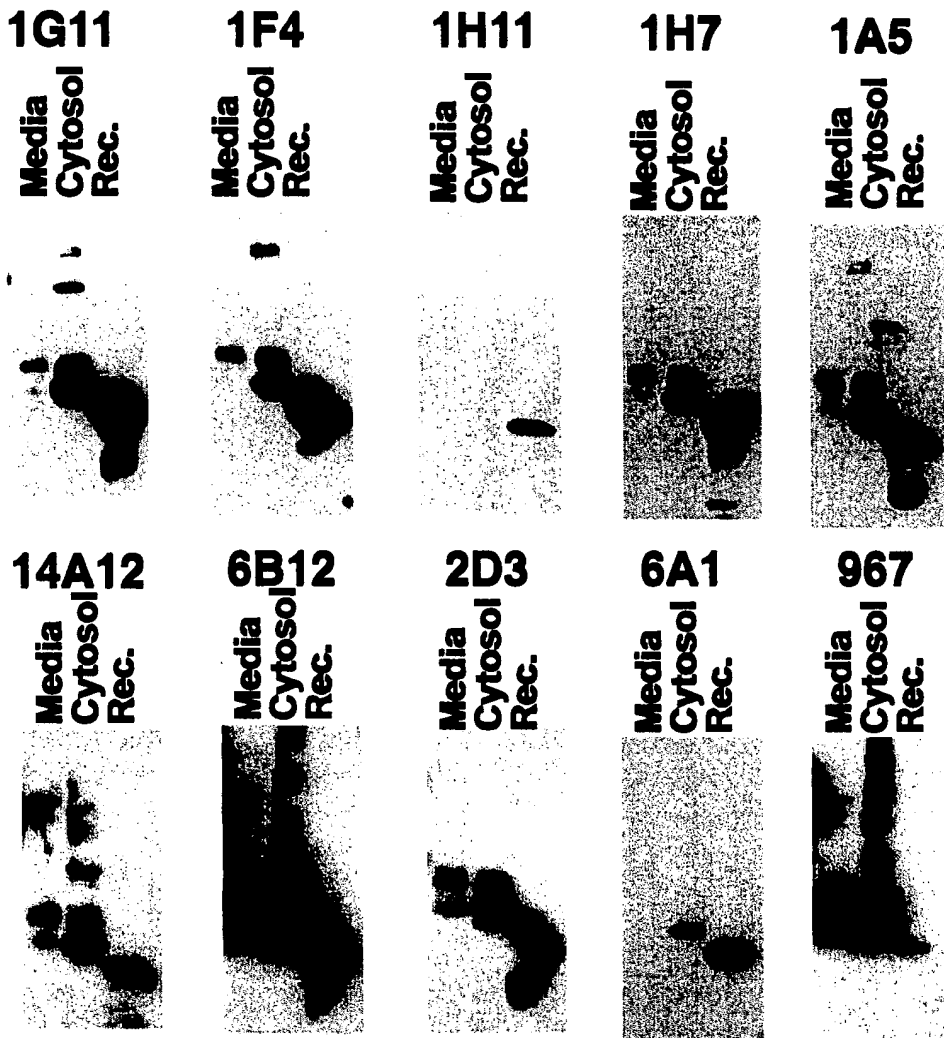


Fig. 4B

## Western blot analysis of Mammaglobin from MB415 cells

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Mouse monoclonal: 1G11, 1F4, 1H11, 1H7, 1A5  
 Rabbit monoclonal: 14A12, 6B12, 2D3, 6A1  
 Rabbit polyclonal: 967

Rec.: bacterially expressed recombinant mammaglobin

*Fig. 5*

IHC analysis of mammaglobin expression in normal tissue.

Normal Tissue	Mam-29C11/31A5
Breast	3-
Adrenal	0
Cervix	0
Colon	0
Duodenum	0
Gall bladder	0
Ileum	0
Kidney	0
Ovary	0
Pancreas	0
Paroud gland	0
Prostate	0
Skeletal muscle	0
Spleen	0
Testis	0

*Fig. 6*

APPROVED	O.G. FIG.
BY	CLASS
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FIG. 6

APPROVED	O.G. FIG.
BY	CLASS
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FIG. 7A

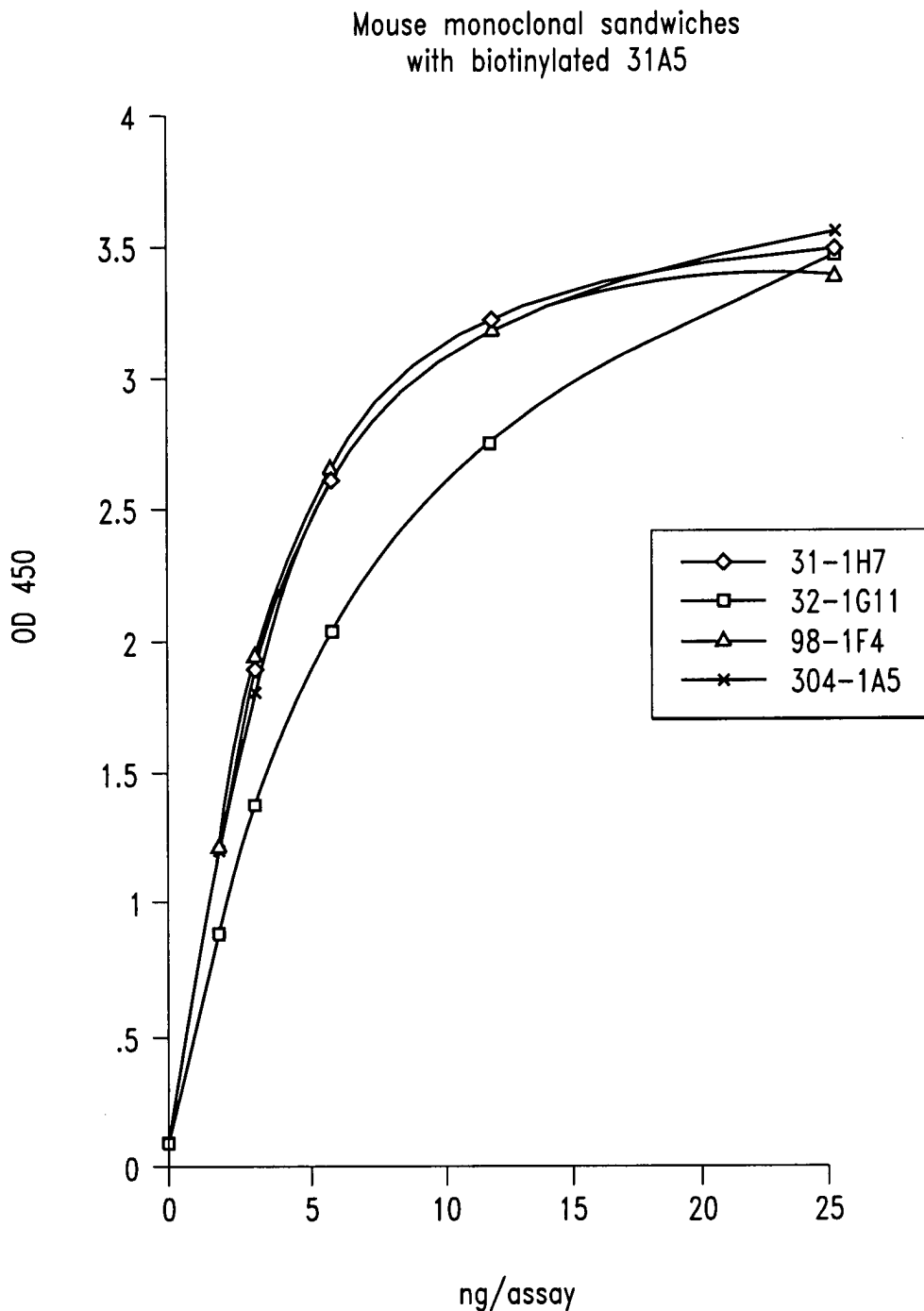


Fig. 7A

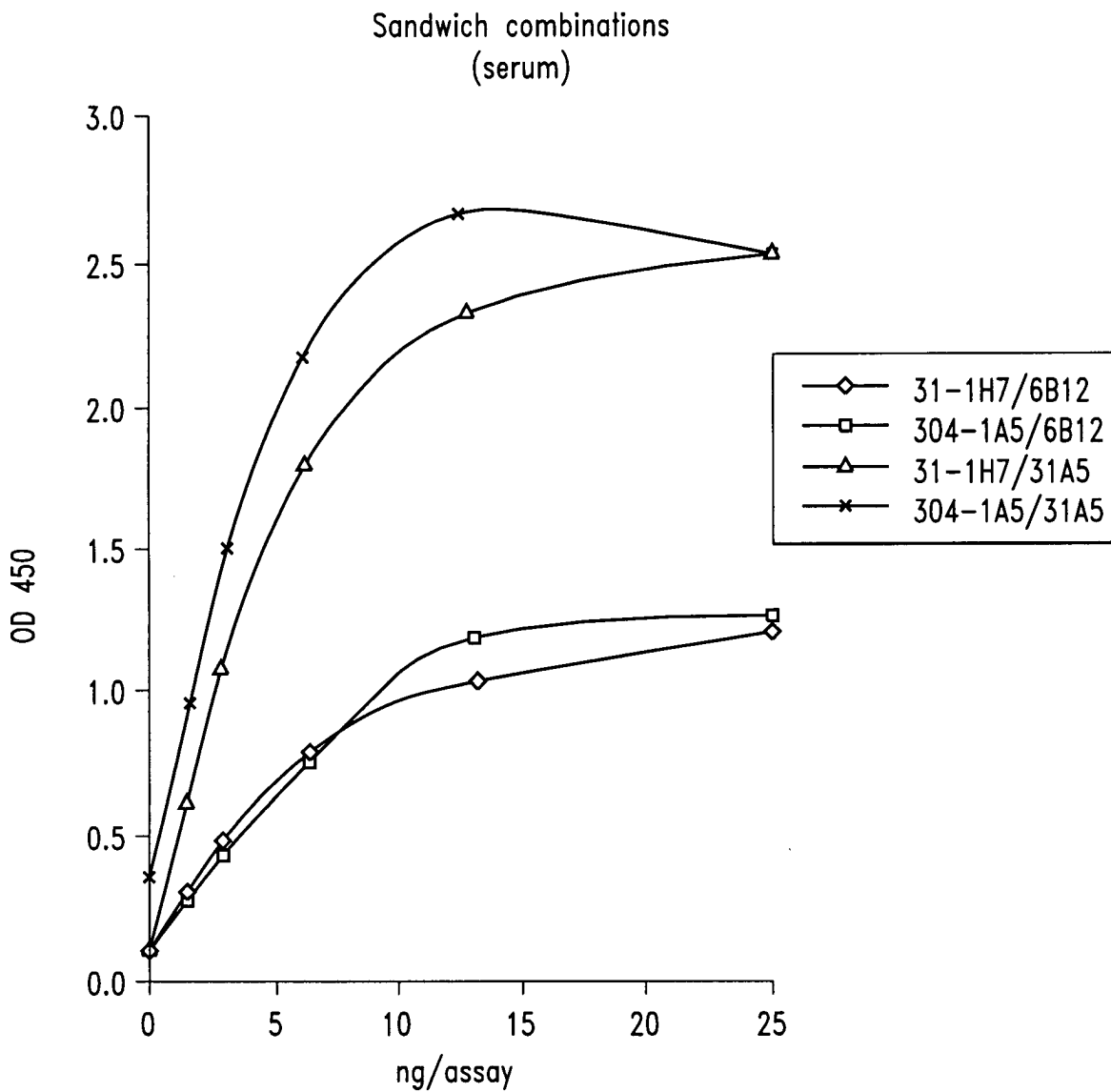


Fig. 7B

APPROVED	D.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

FOR RELEASE

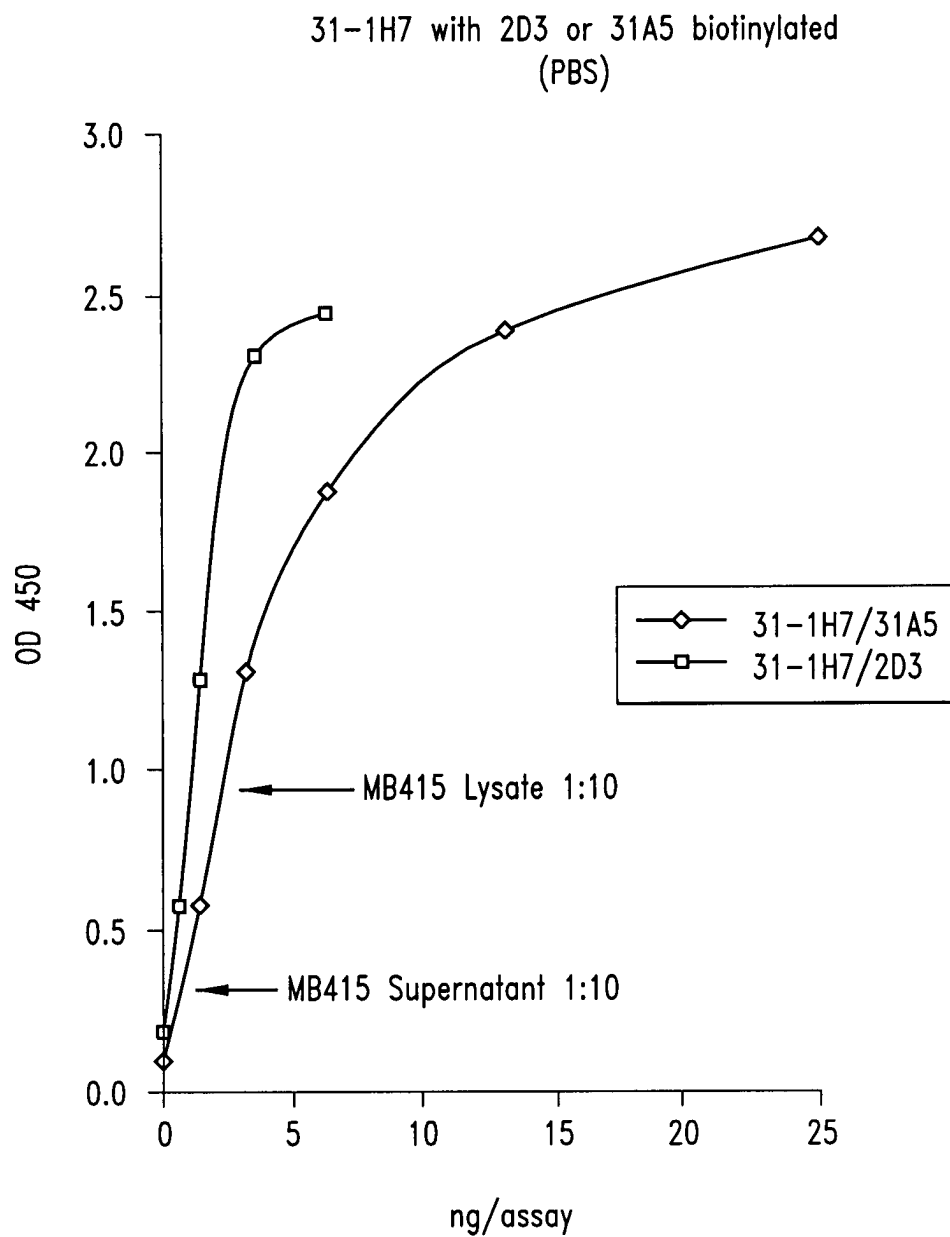
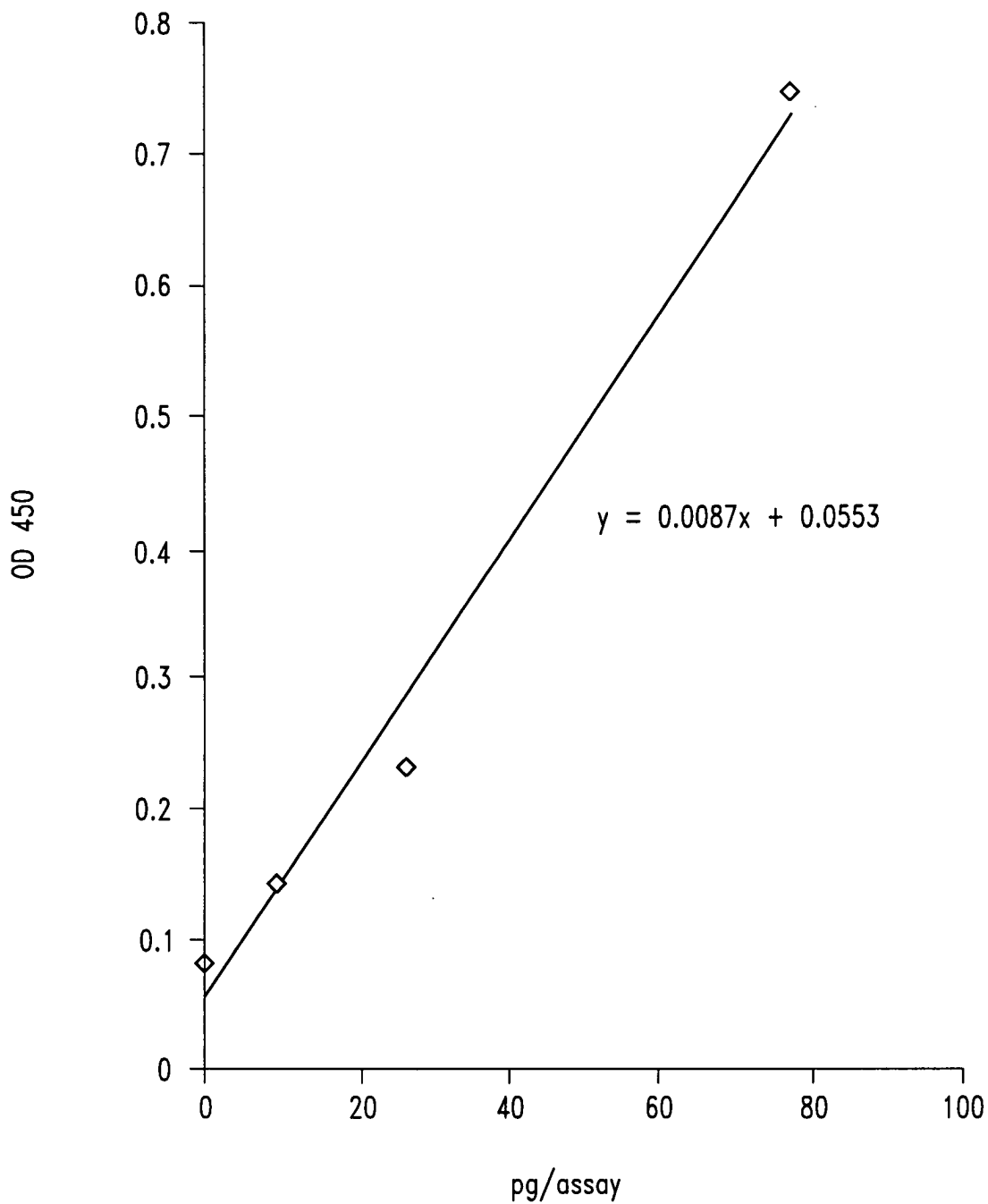


Fig. 7C

APPROVED	O.G. FIG.	
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FIG. 8



*Fig. 8*



APPROVED	O.G. FIG.	
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### Detection of mammaglobin in sera

Serum #	Status	Western	Mammaglobin [pg/ml]	OD	Mammaglobin [pg/ml]**	MRNA in blood*
6 (aka 3534)	BrCA	+	4980-9600	3.8	8732	not tested
3	BrCA	nd	560-1245	2.6	2392	+
4	BrCA	nd	311-622	1.7	1443	+
12	BrCA	nd	311-622	1.5	2298	weakly +
17	BrCA	nd	149-311	0.6	1498	+
11	BrCA	nd	149-311	0.6	847	+
10	BrCA	nd	74-149	0.38	356	nd
1	Normal F	nd	38-74	0.21	2333	not tested
18	Normal M	nd	38-74	0.2	636	not tested
8	BrCA	nd	38-74	0.19	284	nd
9	Normal F	nd	38-74	0.18	188	not tested
5	Normal F	nd	<33	0.16	43	not tested
2	Normal F	nd	<33	0.14	149	not tested
7	Normal F	nd	<33	0.13	96	not tested
14	Normal F	nd	<17	0.05	18	not tested
16	Normal F	nd	<17	0.01	363	not tested
13	Normal F	nd	<17	0.01	443	not tested
15	Normal F	nd	xxx	xxx	10.8	not tested

Fig. 9

1a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

2a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

3a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

4a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

5a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

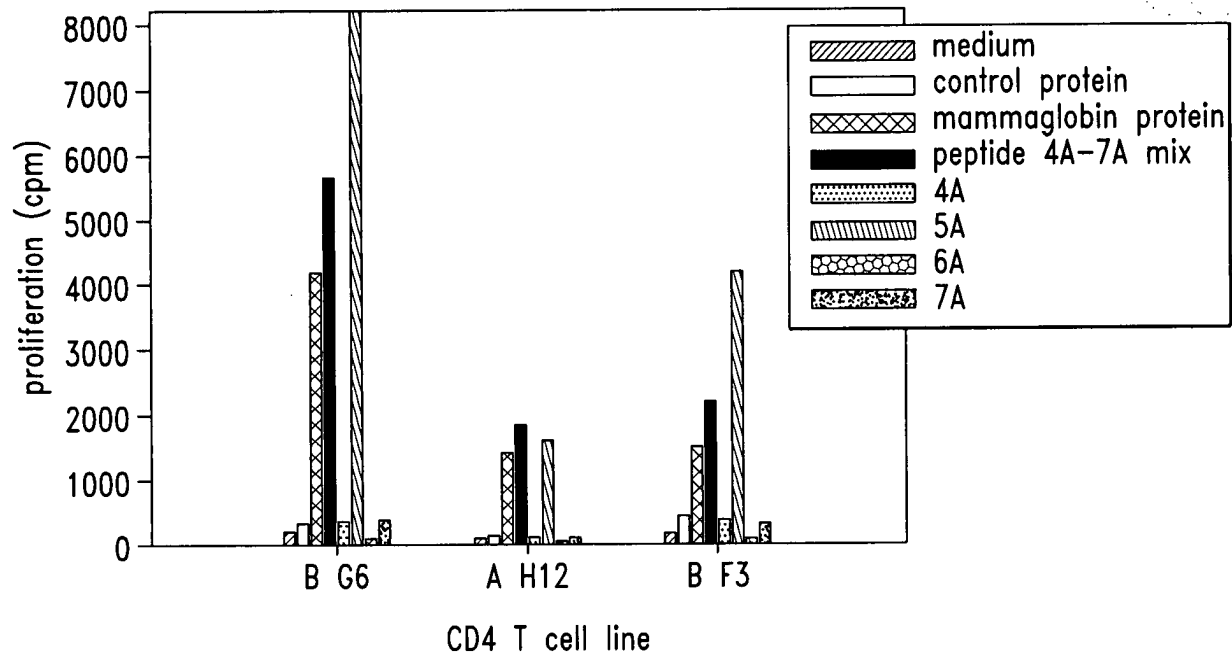
6a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

7a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

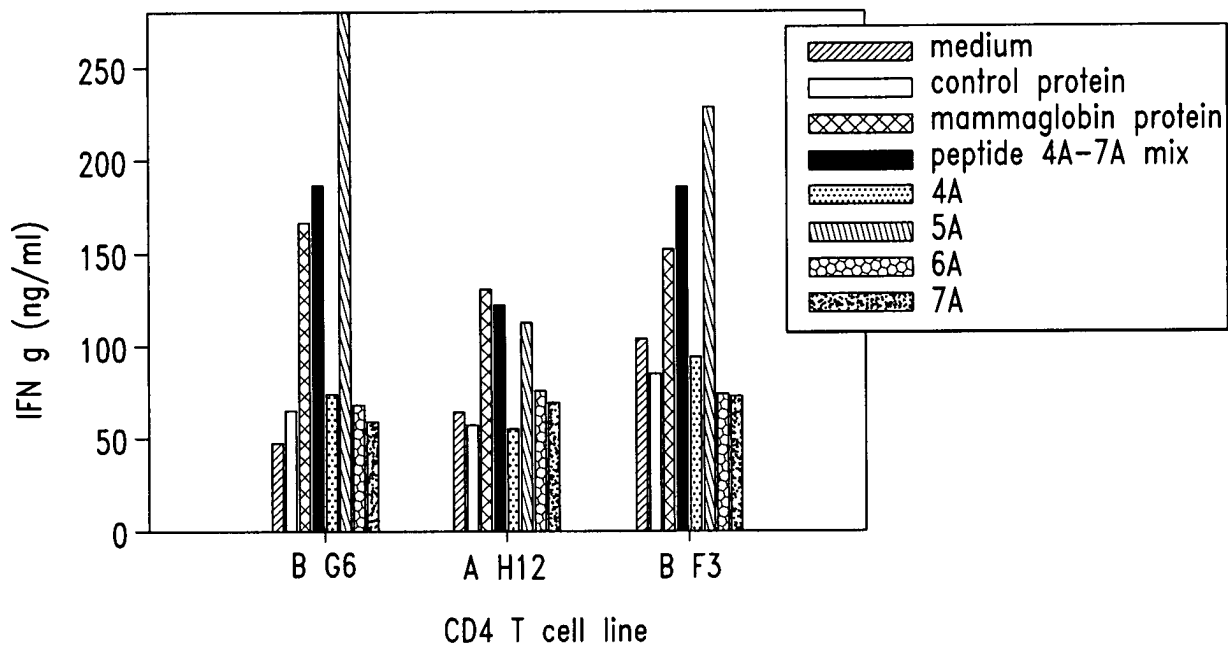
8a MKLLMVLMLAALSQHCYAGSGCPLENNISK<sup>T</sup>INPQVSKTEYKELLQEFIDDNATTNAIDELKECFLNQTD<sup>E</sup>TL<sup>S</sup>NVEVFMQLIYDSSLCDLF

peptide #	AA sequence	AA location within mmgb
1a	MKLLMVLMLAALSQHCYAGS	1-20
2a	ALSQHCYAGSGCPLENNIS	11-30
3a	GCPLLENNISK <sup>T</sup> INPQVSKT	21-40
4a	KTINPQVSKTEYKELLQEFI	31-50
5a	EYKELLQEFIDDNATTNAID	41-60
6a	DDNATTNAIDELKECFLNQT	51-70
7a	ELKECFLNQD <sup>E</sup> TL <sup>S</sup> NVEVF	61-80
8a	DET <sup>S</sup> NVEVFMQLIYDSSLCDLF	71-93

*Fig. 10*



*Fig. 11A*



*Fig. 11B*

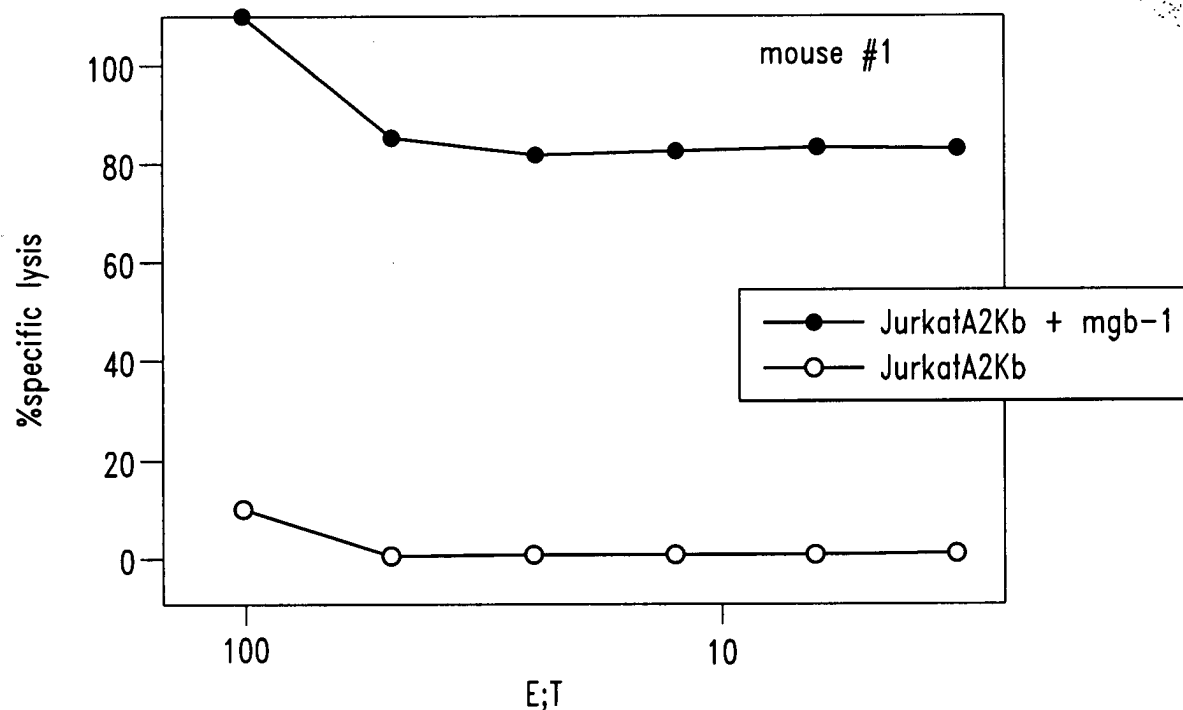
APPROVED BY DRAFTSMAN	0.0.FIG.
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MKLLMVLMLAALSQHCYAGSGCPLENVISKTNPQVSKTEYKELLQEFDNNATTNAIDELKECFLNQTDETLSNVEVFMQLIYDSSLCDLF

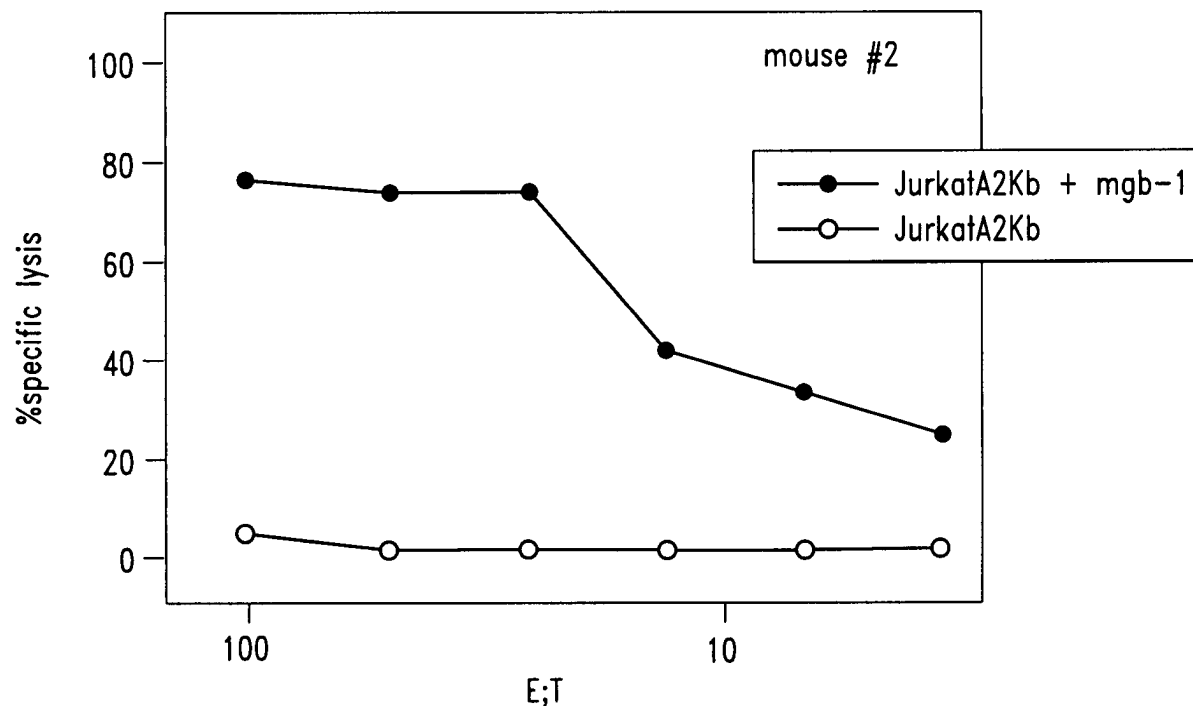
#	Start positon	sequence (length)	score
1	2	KLLMVLMLA (9)	148
2	3	LLMVLMLAA (9)	72
3	4	LMVLMLAAL (9)	60
4	66	FLNQTDETL (9)	48
6	83	LIYDsSLCDL (10)	151
7	2	KLLMVLMLAA (10)	148
8	80	FMQLiYDSSL (10)	71
9	58	AIDEIKECFL (10)	26
10	45	LLQEfIDDNA (10)	17

*Fig. 12*

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*Fig. 13A*



*Fig. 13B*

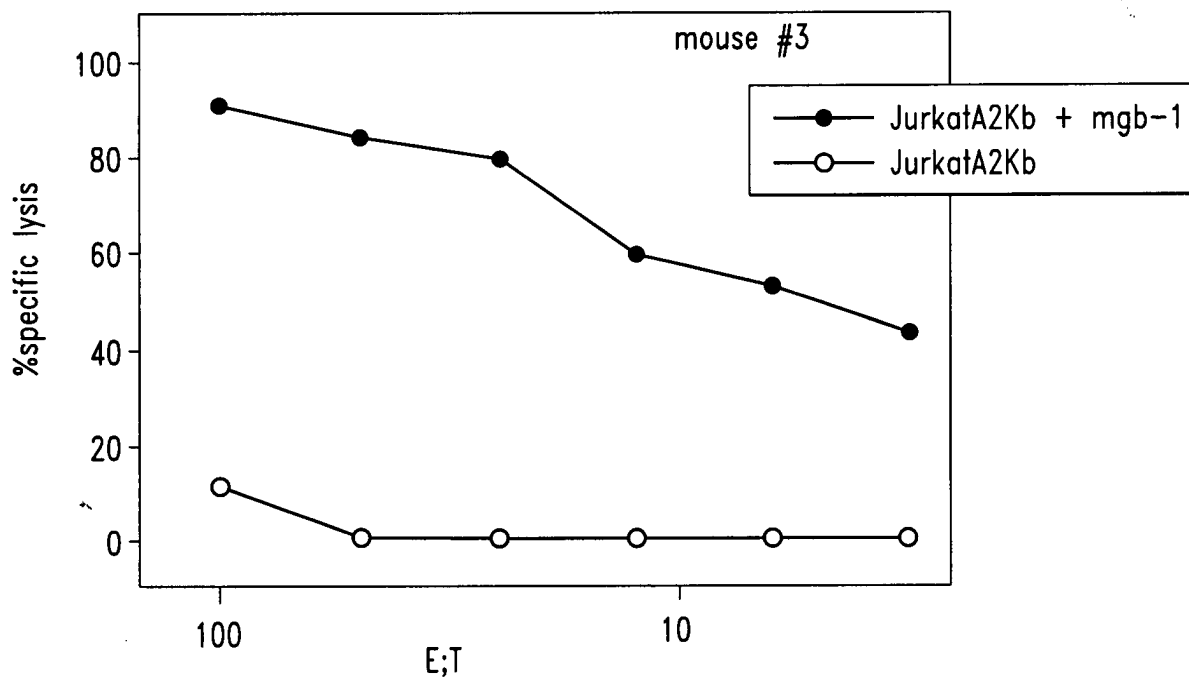


Fig. 13C

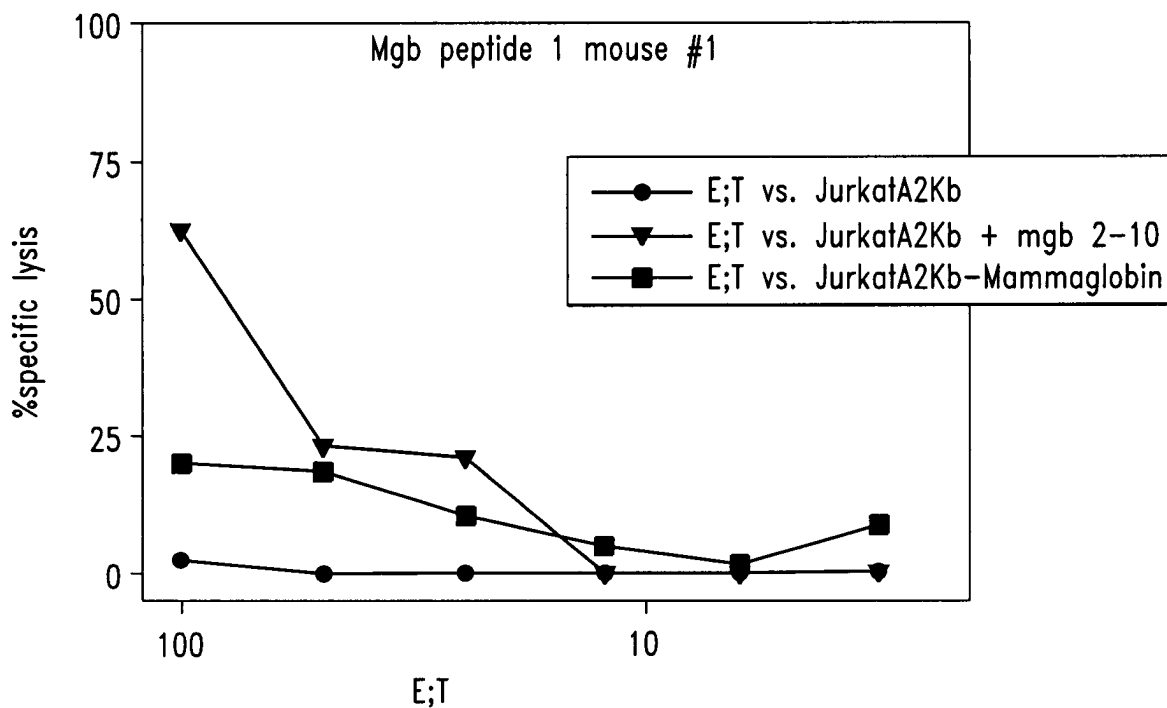
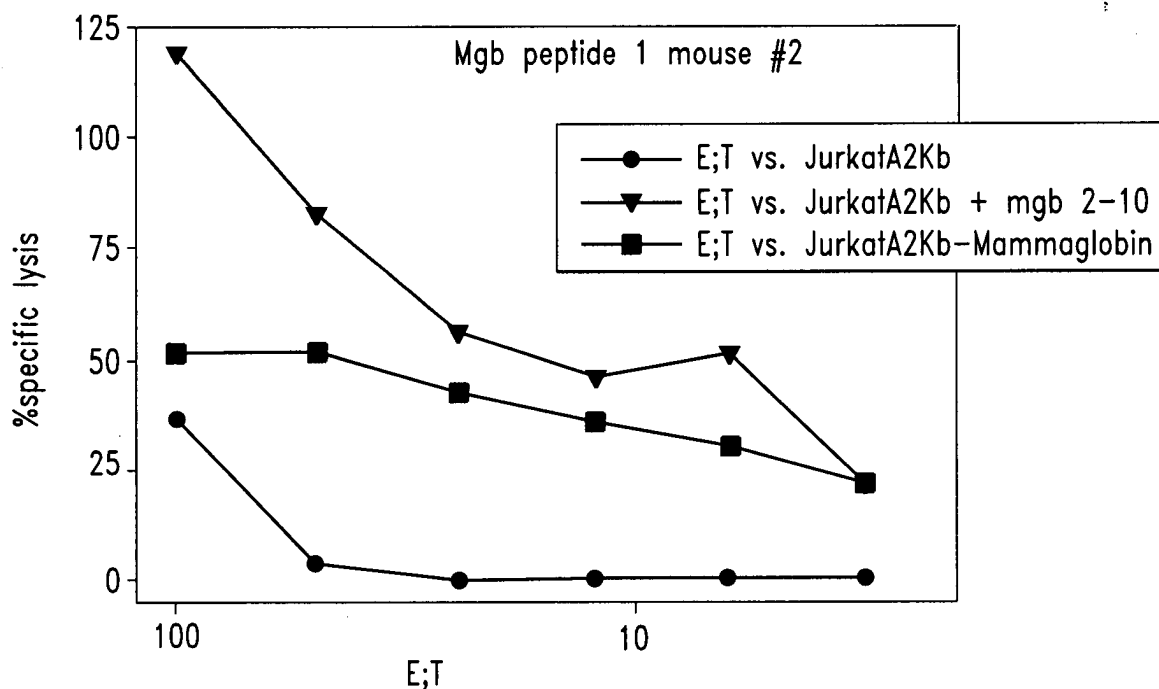
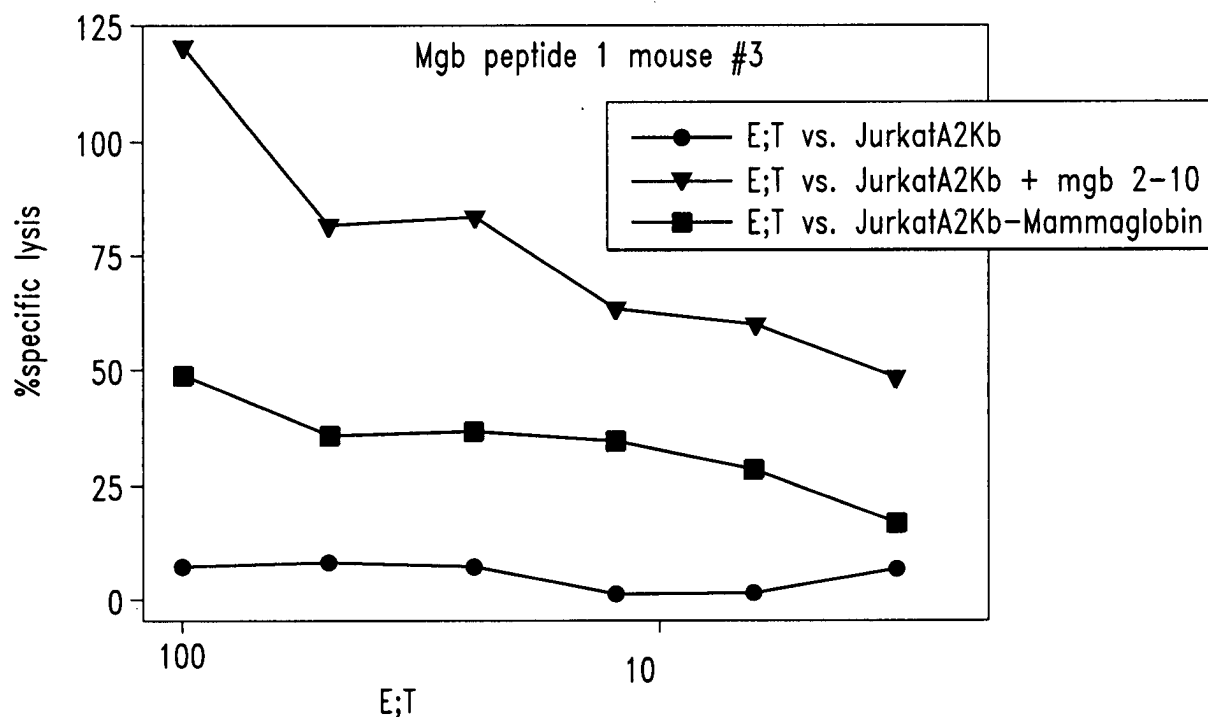


Fig. 14A



*Fig. 14B*



*Fig. 14C*

APPROVED	D.G. FIG.	
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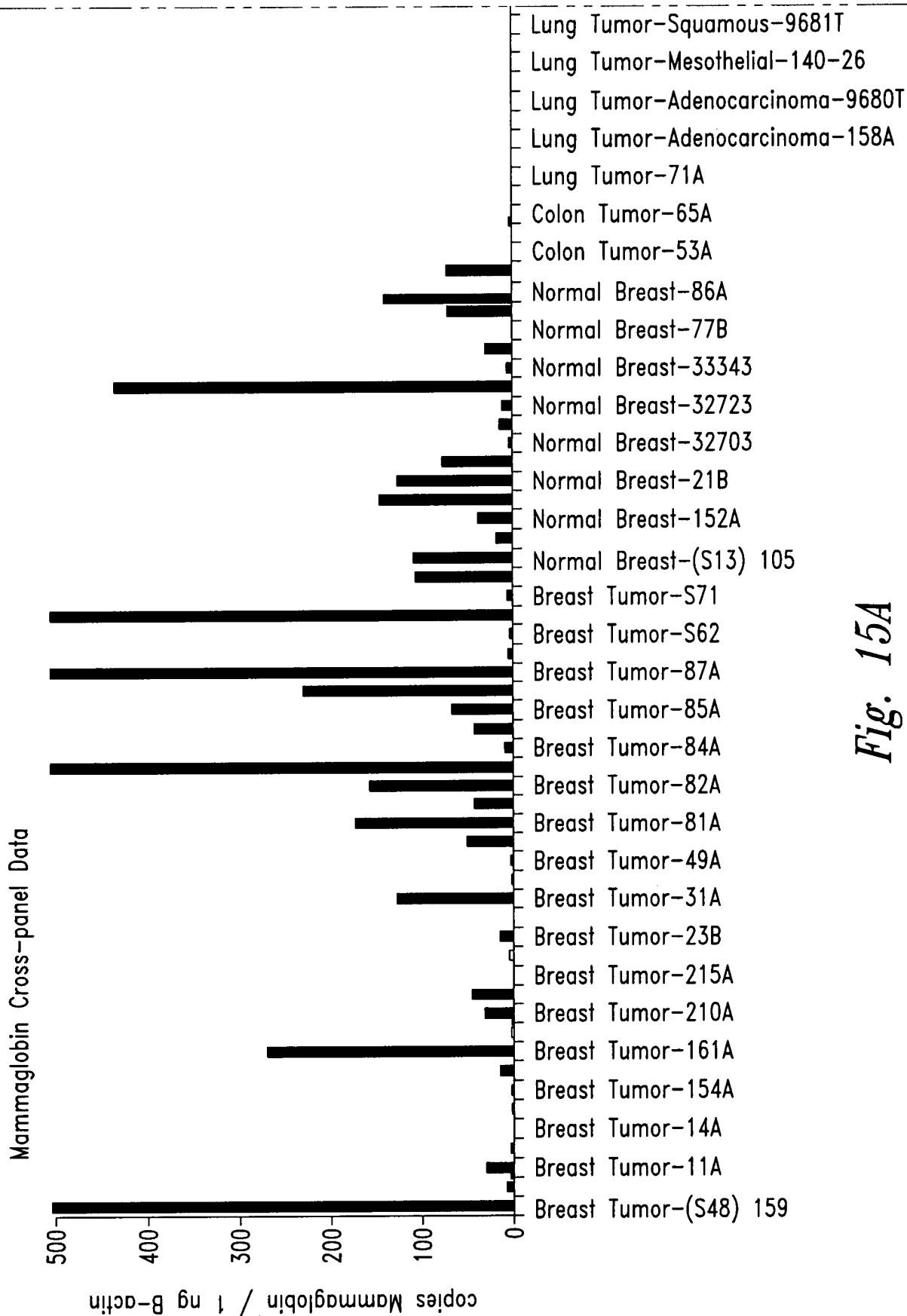


Fig. 15A



APPROVED	D.G. FIG.
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FIG. 15B

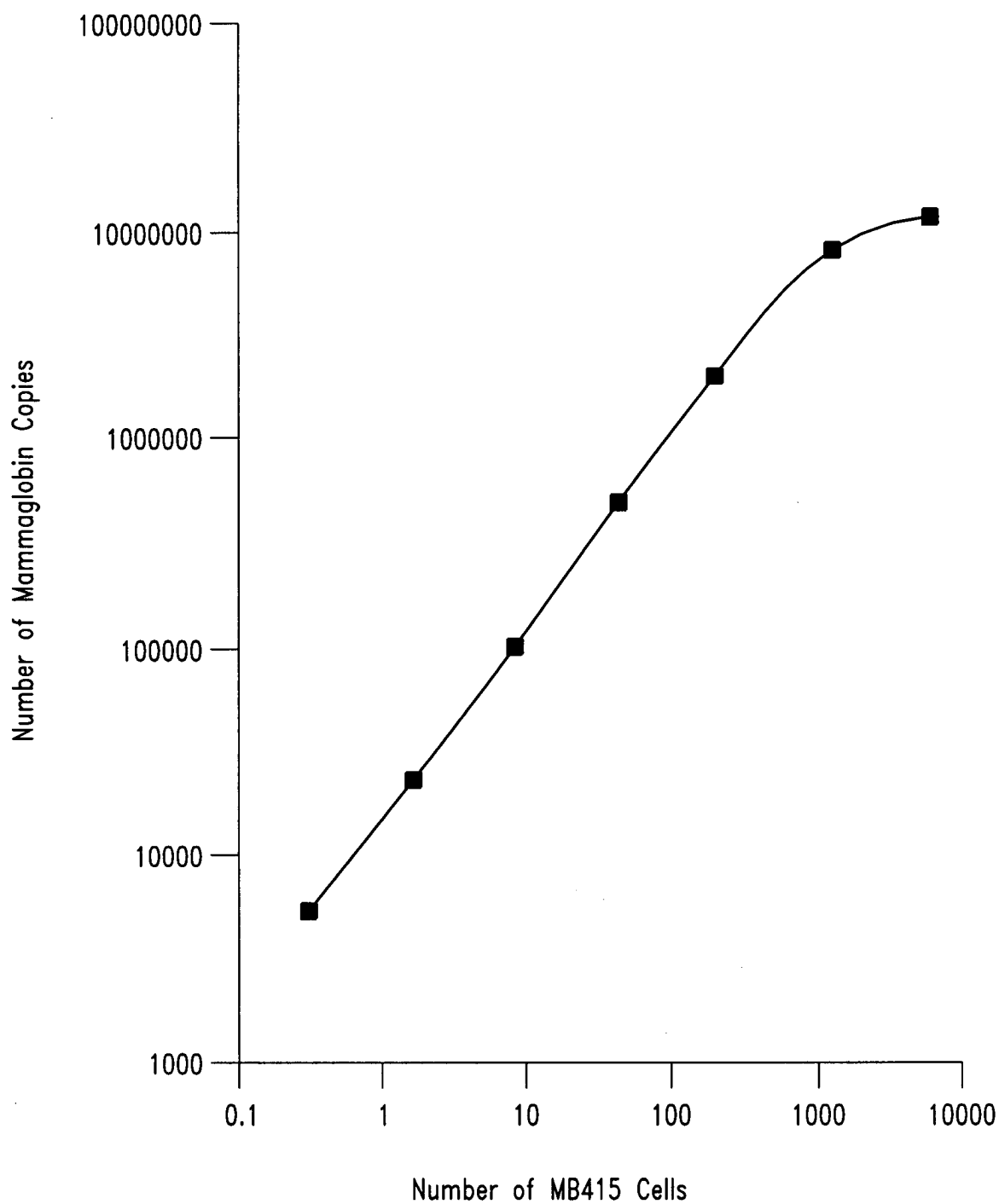
Normal Testes-4C  
Normal Stomach-73A  
Normal Stomach-137A  
Normal Stomach-137A  
Normal Small Intestine-66B  
Normal Skin-138A  
Normal Skin-60A  
Normal Skeletal Muscul-128A  
Normal Retina-32263  
Normal Ovary-93B  
Normal Lung-Clontech  
Normal Lung-58A  
Normal Lung-51C  
Normal Liver-56A  
Normal Liver-136A  
Normal Kidney-69A  
Normal Kidney-119A  
Normal Esophagus-1375  
Normal Colon-50B  
Normal Brain-Clontech  
Normal Brain-75A  
Normal Bone Marrow-74A  
Normal Bladder-S9-1  
Normal Aorta-1375  
Normal Prostate-131A  
Normal Prostate-48B  
Normal Prostate-45A  
Normal Prostate-34C  
Normal Prostate-117A  
Prostate Tumor-40A  
Prostate Tumor-35A  
Prostate Tumor-135A  
Prostate Tumor-115A  
Ovary Tumor-120A  
Lung Tumor-Squamous-96A

Fig. 15B

APPROVED	O.G. FIG.
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FILED 2/12/00

MB415 cells versus copy number for  
Mammaglobin



*Fig. 16*

APPROVED: O.G. FIG.		
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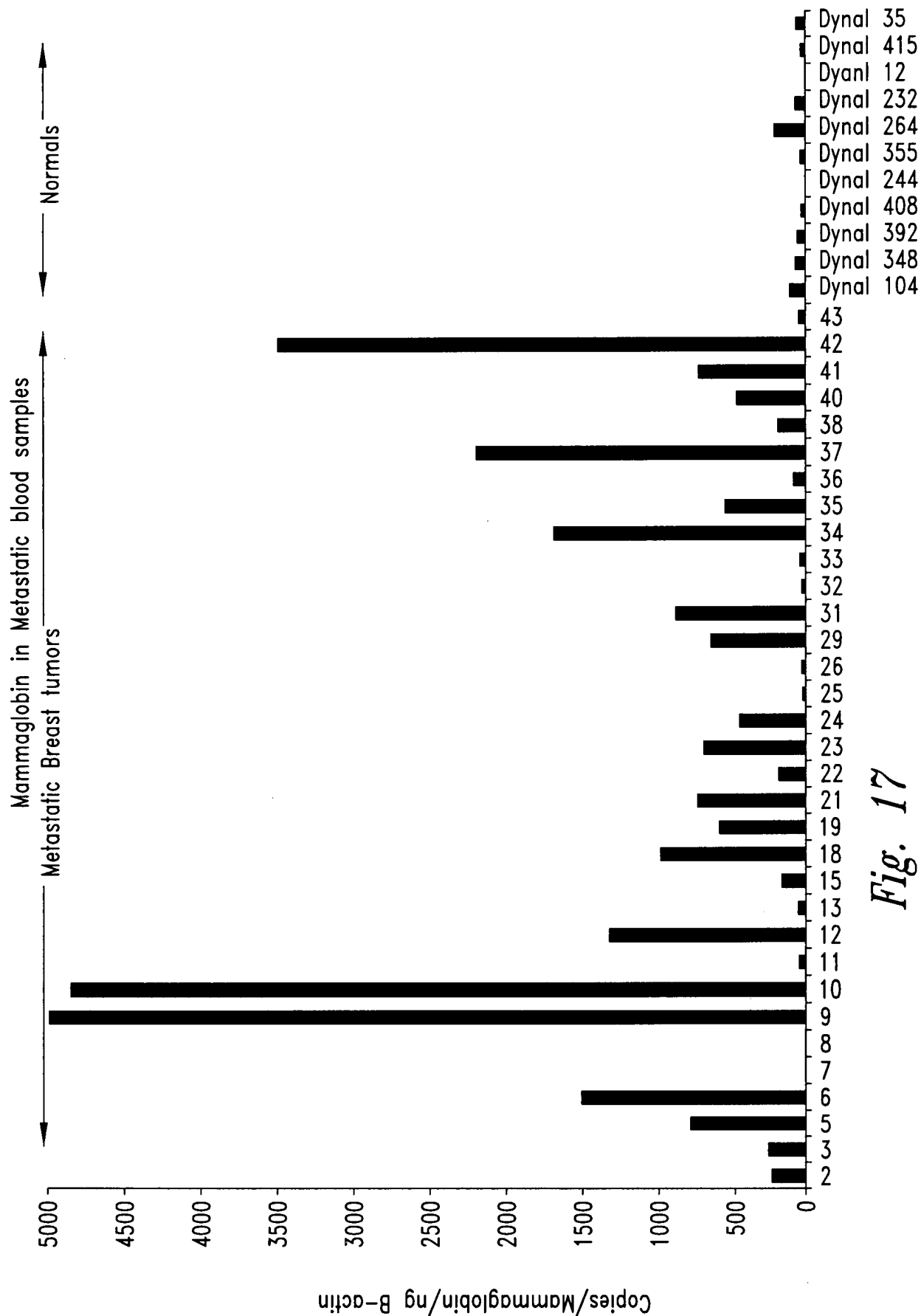


Fig. 17

APPROVED	O.G. FIG.	
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FORBIDDEN

D117 mgb CD4 proliferation - large assay #2  
 June 2, 2000

line #	name	priming pep	media	DMSO	1A-7A	3A	5A	7A	mgb B 5A
1	AB:C9	5A	551	549	5478	454	12599	329	886
2	AB:C11	5A	155	84	13737	159	17260	137	596
3	AB:E7	5A	582	551	7815	198	12876	465	1264
4	AB:H12	5A	1309	1725	18113	965	5850	1264	295
5	AB:A7	1A-7A	588	683	15648	4500	112	22045	417
6	AB:A9	1A-7A	478	376	6939	396	426	4095	135
7	AB:B8	1A-7A	1802	1602	29047	9277	2628	5836	1177
8	AB:C9	1A-7A	2142	2258	16814	3156	2836	11635	2954
9	AB:G7	1A-7A	1553	992	7754	2004	3355	3829	492
10	AB:G9	1A-7A	1607	1577	7563	1489	3487	1752	689
11	AB:H12	1A-7A	3101	2523	23408	24070	2964	8379	2353
12	AB:H4	1A-7A	878	691	16769	674	3658	11797	478
13	CD:A4	1A-7A	124	520	20866	21542	605	3049	167
14	CD:A5	1A-7A	1439	328	12641	22252	2925	1358	563
15	CD:C7	1A-7A	76	48	67	86	39	38	40
16	AB:G7	5A	173	477	1073	184	127	499	562
17	AB:H12	5A	948	329	2001	849	1301	266	380
18	AB:C10	5A	223	181	486	254	341	97	204
19	AB:C11	5A	247	164	22726	146	15534	181	222
20	AB:G6	5A	2125	2048	2408	1616	985	1496	1217
21	AB:G7	5A	91	167	1669	162	2582	93	70
22	AB:H2	5A	411	720	21053	271	11029	157	220

Fig. 18A

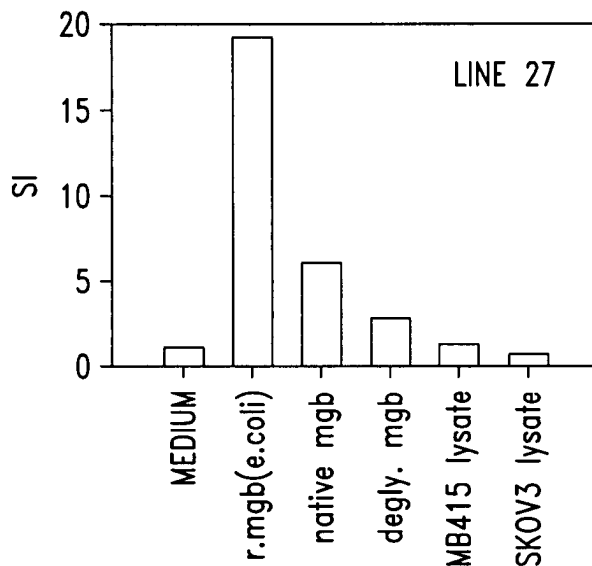
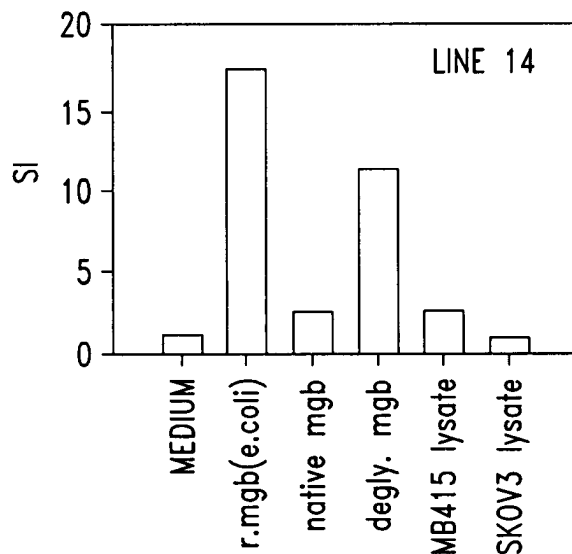
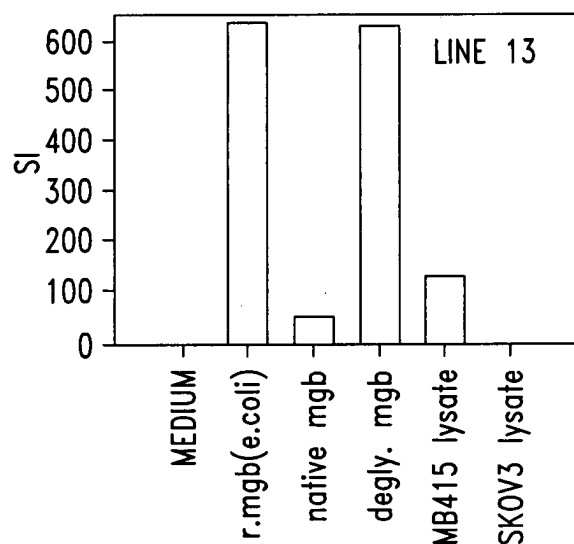
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 18B

23	AB:D1	5A	222	606	204	412	276	125	57
24	AB:E9	5A	315	457	390	191	1195	177	135
25	AB:G6	1A-7A	465	295	5014	70	2148	48	455
26	AB:H4	1A-7A	545	192	14133	190	891	7519	105
27	AB:D12	1A-7A	1852	1522	13318	6496	3131	4081	946
28	AB:D1	1A-7A	1448	1614	4205	1199	1186	1822	430
29	AB:H1	1A-7A	5572	3865	18628	14627	1817	13029	1567
30	AB:A7	1A-7A	1072	525	15470	2718	907	12379	230
31	AB:B12	1A-7A	540	797	17558	703	15480	659	6354
32	AB:F7	1A-7A	551	455	8374	7694	2462	329	996
33	AB:G7	1A-7A	652	710	8278	1018	3753	2941	624
34	CD:C7	1A-7A	109	175	14322	3891	10183	628	76
35	CD:D8	1A-7A	824	2270	10295	4280	1691	1314	997
36	CD:G4	1A-7A	177	72	29912	97	24392	103	54
37	CD:G5	1A-7A	230	152	16874	161	6497	45	103
38	CD:G3	1A-7A	146	178	26356	138	22005	90	96
39	CD:G6	1A-7A	129	84	12775	115	2504	91	80
40	CD:C9	1A-7A	2293	2507	8808	3372	2634	3247	2610
41	CD:H10	1A-7A	430	290	29772	306	23992	438	424
42	CD:H11	1A-7A	542	227	24760	324	17835	128	131

Fig. 18B

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	



*Fig. 19*

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

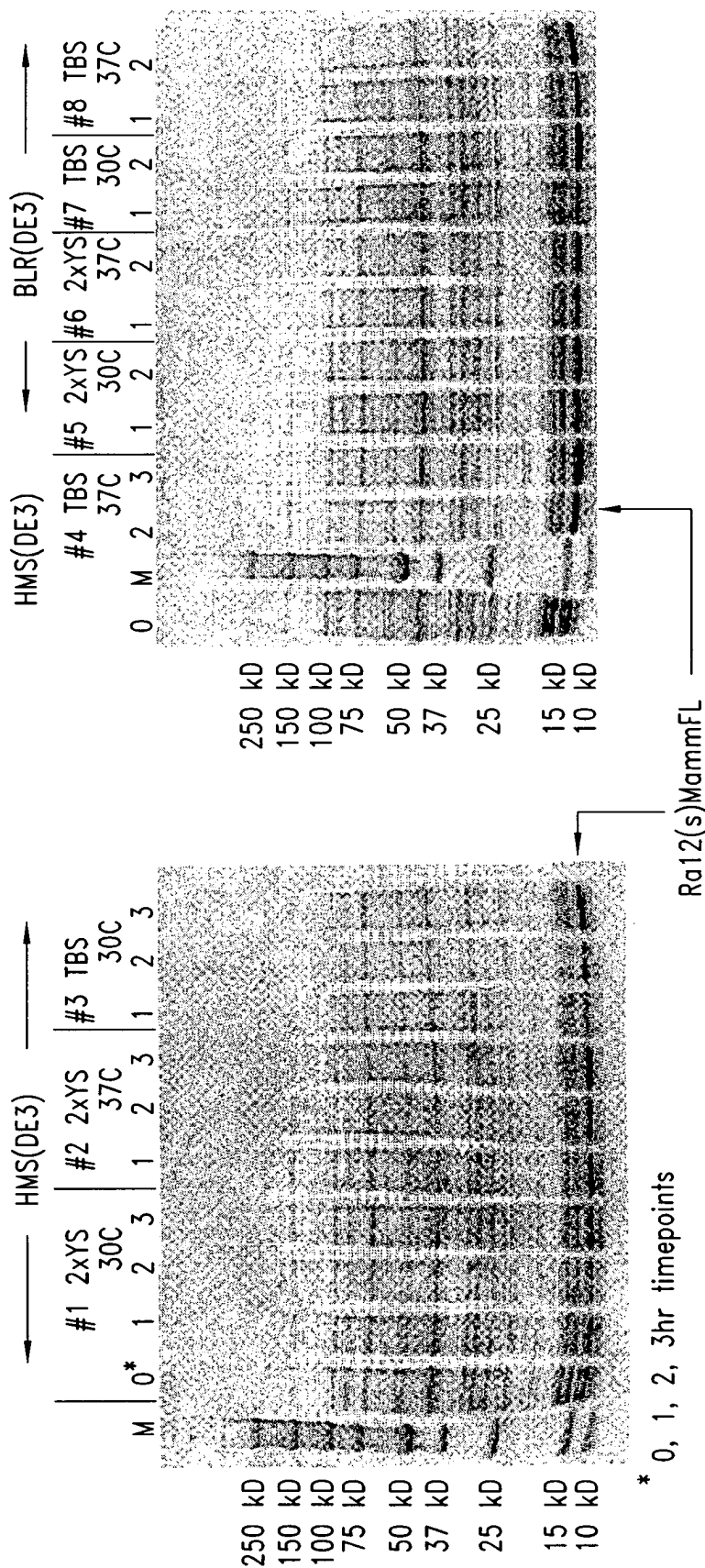
FIG. 20

H<sub>3</sub>N-Met His tag 6aa Ral12 (short) 30aa HindIII 2aa Human mammaglobin (full length) 93aa -C00-

Fig. 20

APPROVED	G.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

# Ra12(s)MammFL pCRX1 Expression Screen



\* 0, 1, 2, 3hr timepoints

Fig. 21